

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p> <i>CH</i> A comparative study of the methods for the determination of arsenic. A. I. Shtenberg. <i>Voprosy Pitaniya</i> 7, No. 3, 101-10 (in French, 110)(1038).--The advantages of the Sanger-Black method (C. A. 2, 976, 2352) over other methods for detg. 1-2 γ of As are pointed out. S. A. Karjala </p>																			
<p> <i>7</i> </p>																			
<p> ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION </p>																			

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p>Indole as a quantitative index of spoilage in meat and fish. A. I. Shitenberg, S. L. Rokhlina and Yu. I. Shilinger. <i>Voprasy Pitaniya U. S. S. R.</i> 7, No. 4-6, 117-36 (1938).—Meat contg. 0.02 mg./kg. of indole (I) is still of good quality, although freshly boiled or frozen meat contains no I. Spoilage is evident when the I content reaches 0.03 mg./kg. Fish may have as high as 0.120 mg./kg. of I before spoilage becomes apparent. The formation of indole in fish and method for its determination. <i>Ibid.</i> 137-47.—The muscular tissue of healthy fish contains no I, but it is formed as a result of the action of indologenic microorganisms after the fish are killed. I is detd. essentially by the method of Fellers and Clough (<i>C. A.</i> 19, 1581) except that the ether is concd. to 1-2 cc. at reduced pressure with a stream of air rather than evapn. to dryness by distn., after which the I is treated with <i>p</i>-dimethylaminobenzaldehyde and detd. colorimetrically with the use of an amaranth or Co nitrate soln. as a control. S. A. K.</p>										12									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
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PROCESSES AND PROPERTIES INDEX																			
<p>CP</p> <p>The natural arsenic content of the tissues of fresh water and marine organisms. A. L. Shlenberg. <i>Voprosy Pitaniya</i> 8, No. 5, 61-74 (1979). The As content of the tissues of fish varied from 2.73 mg. (in carp) to 26.25 mg./kg. dry wt. (in cod). The muscle tissues of crustaceans contained 1.72 (shrimps) to 4.78 (claws of crabs) mg./kg. dry wt. Sea cabbage contained 30.85 mg./kg., while plankton from the Azov sea contained 11.2-49.4 mg./kg. dry wt. S. A. Karjala</p>																			
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>FROM 579-83194</p> <p>579080 * 579080 -17 ONY 1st 579080 579080</p>																			

PROCEDURES AND PROPERTIES INDEX																									
<p>2 An electrocolorimetric method for determining arsenic in small amounts. A. I. Skitenberg. <i>Voprosy Khimii</i> 9, No. 3, 64-73(1940).—The electrolytic method of producing AsH₃ and detg. it colorimetrically is described. Julian F. Smith</p>																									
<p>ASM-ILA METALLURGICAL LITERATURE CLASSIFICATION</p>																									
SECTION 1: SYMBOLS													SECTION 2: ONE ONLY												
SECTION 3: ONE ONLY													SECTION 4: ONE ONLY												

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX

12

CA

Natural arsenic content of some vegetables and fruits. A. I. Shitsberg (Dept. of Food and Hyg., Central Sci. Research Inst. of Nutrition, Moscow). *Voprosy Pitaniya* 10, No. 5-6, 29-33 (1941); cf. C.A. 37, 63619. Most of the material tested contained As, except some samples of cabbage, beet, and tomato. Of the 53 samples tested only a few came from regions where fungicides and insecticides had been used, and all the material was washed and peeled before drying and As detn. The following amts. of As per kg. of dry wt. were found: potato 0.1-1.25, cabbage 0.23-1.66, beet 0.13-0.65, carrot 0.09-0.4, tomato 1.43-2.95, eggplant 0.18-0.77, cucumber 0.09-2.4, and apple 0.3-0.7 mg. T. L.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE

REPLY ONE ONE 151

Action of the Inhibitor of Potato-Sprouting Methyl Ester of α -Naphthyl Acetic Acid on the Living Organism," A. I. Shtenberg, Yu. I. Shillinger, Food Inst, Acad Med Sci USSR

"Gig i San" No 5, pp 31-37, 1957

Examn showed this chem has no toxic properties when administered to animals for yr or longer in doses exceeding its residual quantity in potatoes after their treatment with the substance. It did not give rise to formation of neoplasm in cancer-resistant mice. It does not affect organoleptic

LC

186T18

USSR/Chemistry - Plant Growth Stimulants May 51
(Contd)

properties of dishes made of potatoes. Vitamin C content of treated potatoes decreases with length of storage, but is much higher than in untreated potatoes.

LC

186T18

SHTENBERG, A. I.

SHTENBERG, A. I., ACHITKOVA, M. G.

Food Industry and Trade--Hygiene Aspects

Basic sanitary requirements, in the planning of food enterprises. Gig. i san., No. 12, 1951.

Monthly List of Russian Accessions, Library of Congress
March, 1952. UNCLASSIFIED.

SHTEINBERG, A. I.

Problem of toxicity of novarsenol and sovarsen. Vest. vener.,
Moskva no.2:55 Mar-Apr 1952. (CLML 22:2)

1. Of the Institute of Labor Hygiene and Occupational Diseases.

SHTENBERG, A. I.

Training of candidates for food-inspectors. Gig. sanit.,
Moskva no.4:34-37 Apr 1952 . (CLML 22:2)

1. VLADIMIROV, B. D.; SHTENBERG, A. I.
 2. USSR (600)
 4. Nutrition
 7. Food and nutrition. Prof. A. I. Rapoport. Reviewed by B. D. Vladimirov, A. I. Shtenberg. Vop. oit. 12, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

VADIMOV, V.M.; SHTENBERG, A.I.

Spectrophotometric determination in potatoes of the methyl ether of naphthylacetic acid which stops the growth of tubers in the process of prolonged keeping (conservation). Voprosy Pitaniya 12, No.2, 74-9 '53. (MLRA 6:4)
(CA 47 no.20:10795 '53)

KEDROVA, Ye.M.; SHTENBERG, A.I., professor, zaveduyushchiy.

Experimental research on tolerable amounts of DDT in food products. Vop.
pit. 12 no.3:55-60 My-Je '53. (MLR 6:6)

1. Toksikologicheskaya laboratoriya otдела gigiyeny Instituta pitaniya
Akademii meditsinskikh nauk SSSR (Moscow). (DDT--Physiological effect)

SHTENBERG, Abram Il'ich; GELLER, Grigoriy Moiseyovich; KATSPRZHAK,
Yekaterina Fedorovna; VYALKIN, V.I., redaktor; BOLDYREV, T.Ye.,
professor, redaktor; MOLCHANOVA, O.P., professor, redaktor;
SACHEVA, A.I., tekhnicheskiy redaktor.

[Calculation tables on the chemical composition and nutritional
value of food products] Raschetnye tablitsy khimicheskogo sostava
i pitatel'noi tsennosti pishchevykh produktov. Pod red. T.E.Bol-
dyreva i O.P.Molchanovoi. Moskva, Gos. izd-vo med. lit-ry, 1954.
234 p. (MIRA 8:1)

(Food--Analysis)

VADIMOV, V.N.; SHTENBERG, A.I.

Spectrophotometric investigation of the physical and chemical properties of the methyl ester of alpha-naphthaleneacetic acid which inhibits the sprouting of potatoes. Trudy Inst.fiziol. rast. 8 no.2:351-360 '54. (MIRA 8:5)

1. Institut pitaniya Akademii meditsinskikh nauk SSSR.
(Potatoes) (Naphthaleneacetic acid)

SHTENBERG, A.I.

USSR:

The effect of some nutritional substances on the increase of the resistance of guinea pigs to aniline poisoning. A. I. Shtenberg, Yu. I. Shillinger, and L. P. Naumova (Inst. ~~Nutrition~~ Acad. Med. Sci. U.S.S.R., Moscow). *Voprosy Pitaniya* 13, No. 1, 21-7(1954).—Five different diets have been used to study the rates and ways of recovery of the guinea pigs from aniline (I) poisoning resulting from subcutaneous injection of 80 mg. I in sunflower oil/100 g. body wt. (toxic dose). The results indicate that ascorbic acid, nicotinic acid, lecithin, and Ca-enriched cottage cheese added to a normal diet increased the resistance of the guinea pigs against I poisoning as well as increased the rate of the detoxication of the organism. This was shown by an increase of the blood-regenerating activity of the organism (increased hemoglobin and erythrocyte count which were decreased by the I injection), by normalization of the peroxidase activity (lowered by I) and the sugar level of blood (raised by I up to 120 mg. % as compared with 84-103 mg. % for the control), and by the urine excretion of *p*-aminophenol (II) and phenol (taking place usually within 24 hrs. after the I injection) (in all 30 control animals no II was found in the urine). All animals showed morphological changes of the internal organs (brain, spleen (enlarged and darkened), blood vessels, and nervous and reticulo-endothelial systems) as the result of the I injection.

E. Wierbicki

SHTENBERG, A. I.

U S S R .

✓ The role of overheated fats in the formation of harmful substances. A. I. Shtenberg and I. P. Naumova (Inst. Nutrition, Acad. Med. Sci. U.S.S.R., Moscow). *Voprosy Pitaniya* 13, No. 2, 41-5 (1954).—A crit. review is given of non-Soviet scientific literature concerning the role of overheated fats and cholesterol on the formation of harmful substances during the prepn. of fat-contg. foods.
E. Wierhicki

CH
O

SHTENBERG, A.I.

Basic tables of chemical composition and of nutritional value of food products. Vop. pit. 13 no.4:10-15 JI-Ag '54. (MLBA 7:7)

1. Iz Mezhdostvennoy komissii po podgotovke tablits khimicheskogo sostava i kaloriynosti pishchevykh produktov (predsedatel' A.I.Stenberg) Ministerstva zdavookhraneniya SSSR (Moskva)
(FOOD,

*tables of chem. composition & nutritional value)

USSR/Medicine - toxicology

FD-3059

Card 1/2 Pub. 141 - 5/23

Author : Shtenberg, A. I. and Orlova, N. V.

Title : Concerning the etiology of so-called Dzhalangarsk Encephalitis

Periodical : Vop. pit., 27-31, May/Jun 1955

Abstract : Starting in 1942, cases of neuroinfection were recorded in the Uzbek SSR and were called Dzhalangarsk Encephalitis because of the clinical and pathomorphological picture they presented. A filterable virus was extracted from the organs of victims. However, attention was drawn to a patient who ate some uncleaned wheat taken from under a combine in 1950, and had the same symptoms. This led to the belief that this illness might be caused by a toxicological factor. The toxic element was subsequently found to be contained in the seed of trichodesma incanum, collected along with the wheat. The seed was found to yield an alkaloid which was toxic. In the present work, experiments were conducted on rats, mice, rabbits, and guinea pigs to determine the effects of eating the seed, and the alkaloid (dissolved in 0.1 N HCl). Depending on the concentration and method of administration (seed or alkaloid) the same symptoms appeared sooner or later, i.e. pathologic changes in the central

Card 2/2

FD-3059

nervous system, involuntary urination, and hemorrhaging in the lungs and small intestine. Authors feel that the name Dzhalangarsk Encephalitis is not correct and should be changed to Dzhalangarsk toxicosis. Fourteen references (all USSR; 13 since 1940).

Institution : Toxicology Laboratory (Head - Prof. A. I. Shtenberg) Division of Food Hygiene Inst of Nutrition Acad Med Sci USSR, Moscow

Submitted :

USSR/Medicine - Nutrition

FD-3301

Card 1/1 Pub. 141 - 16/19

Author : Edited by B. I. Kadykov (Reviewed by A. I. Shtenberg)

Title : Investigation on fat metabolism and its nutritional value

Periodical : Vop. pit., 46-47, Jul/Aug 1955

Abstract : Gives favorable review of above "sbornik", which is a collection of six articles by various authors on the above subject. Questions some of the conclusions drawn by the authors, but still feels that the work is a valuable collection of research material. No references.

Institution : Leningrad Sci-Res Sanitary-Hygiene Inst

Submitted :

SHTENBERG, A. I.

✓ Considering the application of chemical agents for killing
woods and the vermin harmful to plants as well as the use of
the plant-growth-stimulating agents. A. I. Shitenberg
(Med. Inst., Sverdlovsk). *Voprosy Pishnya* 14, No. 6,
10-15 (1955). The effects of the residual limits of DDT,
BHC, Me 1-naphthylacetate, and Me phenylcarbamate, con-
taminating the foods obtained from the agricultural plants
treated with these agents, are discussed. 26 references.
K. Wierbicki.

SHTENBERG, A.I.

Training of interns in the field of nutritional hygiene. Vop.pit.
15 no.5:56-57 S-0 '56. (MLRA 9:11)

1. Iz kafedry gigiyeny i pitaniya Sverdlovskogo meditsinskogo
instituta.

(NUTRITION,
train. of hyg. specialists (Rus))

SHTENBERG, A.I.; PLOTNIKOVA, Yu.I. (Sverdlovsk)

On the discussion of further development and improvement of public
catering. Vest.khir. 77 no.11:43-45 N '56. (MLRA 10:1)

(RESTAURANTS,

eating places for workers & students in Russia)

SHTENBERG A. I.

BOLDYREV, T.Ye., red.; SHTENBERG, A.I., red.

[Hygiene of nutrition] Gigena pitania. Izd. 2-oe, perer. i dop.

Pod red. T.E.Boldyreva i A.I.Shtenberga. Moskva, Medgiz, 1957.

387 p.

(MIRA 11:5)

(FOOD HANDLING--HYGIENIC ASPECTS)

SHLENGER, I. I.

"First Ural Conference of Physiologists, Biochemists, and Pharmacologists," by Prof A. I. Shtenberg, Voprosy Pitaniya, Moscow, Vol 16, No 1, Jan/Feb 57, pp 91-93

The First Ural Conference of Physiologists, Biochemists, and Pharmacologists, convoked jointly by the Sverdlovsk Branch of the All-Union Society of Physiologists, Biochemists, and Pharmacologists and the Ural Affiliate of the Academy of Sciences USSR, was held in Sverdlovsk on 5-8 June. More than 75 papers were read at the plenary and sectional sessions of the conference.

VERESHCHAGIN, N.K.; SHTENBERG, A.I.

"Physiology of nutrition" by A.M.Breitburg. Reviewed by N.K.Vere-
shchagin, A.I.Shtenberg. Vop.pit. 16 no.6:76-78 N-D '57. (MIRA 11:3)
(NUTRITION) (BREITBURG, A.M.)

SHTENBERG, A.I.; PLOTNIKOVA, Yu.I.(Sverdlovsk)

Methods for studying the nutrition of the population [with
summary in English]. Vopr.pit. 17 no.1:64-67 Ja-F '58. (MIRA 11:4)

1. Iz kafedry gigiyeny (zav. - prof. A.I.Shtenberg) Sverdlovskogo
gosudarstvennogo meditsinskogo instituta.

(NUTRITION,

investigation of nutritional state of population (Rus))

SHTENBERG, A.I.

Setting up experimental investigations on chemical substances used in agriculture for purposes of establishing standards of occurrence in food products [with summary in English]. Vop.pit. 17 no.4:41-48 (MIRA 11:7)
Je-Ag '58

1. Iz kafedry gigiyeny pitaniya (zav. - prof. A.I. Shtenberg)
Sverdlovskogo gosudarstvenogo meditsinskogo instituta.
(FOOD,
content of agriculture chem. substances, standard.
(Rus))

SHTENBERG, A.I.

Second Ural Conference of Physiologists, Biochemists, and
Pharmacologists, reports relating to problems in nutrition.
Vop.pit. 17 no.5:91-93 S-O '58 (MIRA 11:12)
(NUTRITION)

SHTENBERG, A. I.

"On the problem of scientific substantiation of hygienic norms
of the content of chemical substances employed in agriculture
in food products."

report submitted at the 13th All-Union Congress of Hygienists,
Epidemiologists and Infectionists, 1959.

SHTENBERG, Abram Il'ich

[Principles of a balanced diet] Osnovy ratsional'nogo pitania.
Moskva, Medgiz, 1959. 150 p. (MIRA 13:8)
(DIET)

SHTENBERG, A.I.

Effect of qualitatively different nutrition combined with iodine deficiency on the development of experimental goiter. Vop.pit. 18
no.5:58-66 S-O '59. (MIRA 13:1)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. A.I. Shternberg) Sverdlovskogo gosudarstvennogo meditsinskogo instituta.
(IODINE defic.)
(DIETS eff.)
(GOITER exper.)

SHTENBERG, A.I.; PLOTNIKOVA, Yu.I.; YEREMIN, Yu.N.

Role of nutrition in the development of endemic goiter.
Zhur.ob.biol. 20 no.2:68-76 Mr-Apr '59. (MIRA 12:5)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. A.I.Shtenberg)
Sverdlovskogo gosudarstvennogo meditsinskogo instituta.

(NUTRITION,

in goiter endemicity, review (Rus))

(GOITER,

endemicity, nutritional factors, review (Rus))

SHTENBERG, A.I.; PLOTNIKOVA, Yu.I.

Influence of qualitatively differing nutrition on the thyroid gland under conditions of an excessive iodine supply in the body. Vop.pit. 19 no.1:28-35 Ja-F '60. (MIRA 13:5)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. A.I. Shtenberg)
Sverdlovskogo gosudarstvennogo meditsinskogo instituta.
(THYROID GLAND physiology)
(IODINE metabolism)
(DIET experimental)

SHTENBERG, A.I., prof.

Most important problems in nutrition. Sov. med. 24 no. 10:144-148
0 '60. (MIRA 13:12)

1. Iz Moskovskogo instituta gigiyeny imeni F.F. Erismana Ministerstva
zdravookhraneniya RSFSR.

(NUTRITION)

SHTENBERG, Abram Il'ich; PLOTNIKOVA, Yuliya Il'inichna; MUKHORINA,
Klavdiya Vasil'yevna; Primali uchastiye: GEYMBERG, V.G.;
NEFED'YEVA, N.P.; NOVIKOV, Yu.V.; NATANSON, A.O., red.;
BUL'DYAYEV, N.A., tekhn. red.

[Guide to practical work in nutritional hygiene] Rukovodstvo k
prakticheskim zaniatiyam po gijene pitaniia. Moskva, Medgiz,
1961. 358 p. (MIRA 15:7)

(NUTRITION)

GRIGOR'YEVA, V.N.; SHEVCHENKO, M.G.; SHILLINGER, Yu.I., kand. med. nauk; ALEKSINA, L.I.; LEBEDEV, Yu.D., red.; SHTENBERG, A.I., prof.; BONDAREV, G.I., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Collection of directives on the control of chemical poisons used in agriculture] Sbornik ofitsial'nykh materialov po kontroliu za iadokhimikatami, primeniaemyi v sel'skom khoziaistve. Moskva, Medgiz, 1961. 439 p. (MIRA 15:4)

1. Gosudarstvennaya sanitarnaya inspektsiya SSSR (for Grigor'yeva, Shevchenko). 2. Institut pitaniya Akademii meditsinskikh nauk SSSR (for Shillinger). 3. Moskovskiy nauchno-issledovatel'skiy institut sanitarii i gigiyeny im. F.F.Erismana (for Aleksina). (Agricultural chemicals)

SHTENBERG, A.I.; YEREMIN, Yu.N.

Effect of fats containing a large quantity of highly unsaturated fatty acids on the state of the thyroid gland in animals. Vop. pit. 20 no.3:34-41 My-Je '61. (MIRA 14:6)

1. Iz kafedry gigiyeny pitaniya (zav. - prof. A.I.Shtenberg)
Sverdlovskogo meditsinskogo instituta.
(THYROID GLAND) (ACIDS, FATTY)

SHTENBERG, A.I.; SHEVCHENKO, M.G.; SHILLINGER, Yu.I.

Current hygienic data on the use of poisonous chemicals for control of pests of food plants, weeds, and animal ectoparasites. Vop. pit. 20 no.4:3-8 J1-Ag '61. (MIRA 14:7)

1. Iz komissii pitaniya Mezhduverdomstvennogo komiteta po izucheniyu i reglamentatsii yadokhimikatoŭ pri Gosudarstvennoy sanitarnoy inspeksii SSSR, Moskva.

(PESTICIDES)

SHTENBERG, A.I. (Sverdlovsk); PLOTNIKOVA, Yu.I. (Sverdlovsk)

Influence of quantitatively different food rations on the
reversibility of changes in the thyroid gland of animals
with experimental goiter. Vop. pit. 20 no.6:49-54 N-D '61.
(MIRA 15:6)

1. Iz kafedry gigiyeny pitaniya Sverdlovskogo meditsinskogo
instituta.

(GOITER)

(DIET)

SHTENBERG, A.I., prof.

Conference on the problem of "The alimentary factor and
endemic goiter." Vop. pit. 20 no.6:81-83 N-D '61.(MIRA 15;6)
(GOITER) (DIET)

SHTENBERG, A.I., prof.

Session of the Research Institute on Vitaminology. Gig. i
san. 26 no.9:97-99 S '61. (MIRA 15:3)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta gigiyany
imeni F.F. Erismana Ministerstva zdoravookhraneniya RSFSR.
(VITAMINS)

RUBANOVICH, Ye.A., mladshiy nauchnyy sotrudnik; SHTENBERG, A.I., prof.;
GENEL', S.V., kand.med.nauk

Synthetic detergents in the food industry. Gig.i san. 26 no.12:
69-72 D '61. (MIRA 15:9)

1. Iz otdela gigiyeny pitaniya Moskovskogo instituta gigiyeny
imeni F.F.Erismana i laboratorii upakovochnykh i polimernykh
materialov Vsesoyuznogo nauchno-issledovatel'skogo i eksperimen-
tal'no-konstruktorskogo instituta prodovol'stvennogo mashino-
stroyeniya.

(FOOD ~~---SHTENBERG~~) (CLEANING COMPOUNDS)

GENEL', S.V.; SHTENBERG, A.I.

New polymeric materials in the food industry and hygienic requirements of them. Vop.pit. 21 no.3:3-8 My-Je '62. (MIRA 15:10)

1. Iz otdela gigiyeny pitaniya (zav. - prof. A.I.Shtenberg)
Moskovskogo instituta gigiyeny imeni F.F.Erisman i laboratorii
upakovochnykh i polimernykh materialov (nachal'nik - kand.tekh. n.
nauk S.V.Genel') Vsesoyuznogo nauchno-issledovatel'skogo i
eksperimental'no-konstruktorskogo instituta prodovol'stvennogo
mashinostroyeniya, Moskva.

(POLYMERS) (FOOD INDUSTRY)

SHTENBERG, A.I.; KUSEVITSKIY, I.A.; ABOLYN', E.S.

Effect of cobalt on the thyroid gland state caused by low-protein diet against a background of different iodine supply.
Vop. pit. 22 no.3:41-47 My-Je '63. (MIRA 17:8)

1. Iz oblasti gigiyeny pitaniya (zav. - prof. A.I. Shtenberg)
Moskovskogo instituta gigiyeny imeni F.F. Erismana.

SHTENBERG, A.I.; KUSEVITSKIY, I.A.; Prinsipala uchastiye GORYUNOVA,
L.N., ordinator

Effect of predominant carbohydrate nutrition in iodine
deficiency associated with some functional stresses on the
development of experimental goiter. Vop. pit. 23 no.1:43-51
Ja-F '64. (MIRA 17:8)

1. Iz kafedry gigiyeny pitaniya Sverdlovskogo meditsinskogo
instituta.

SHTENBERG, A.I.; OKOROKOVA, Yu.I.; YEREMIN, Yu.N. (Moskva)

Dietary factor and endemic goiter. Usp. sov. biol. 55 no.2:
255-276 '63. (MIRA 17:8)

CHINA-30, 2.1.1.1.1

Current hygienic conditions concerning the presence of foreign substances in food products. Vest. Red Bank 19 no. 5:49-56 '64.
(H.K.A. 16:3)

1. Institut pour l'hygiène, Moscou.

SHTENBERG, A.I., prof.

Toxicological criteria for determining the degree of safety for maximum residual quantities of pesticides and a study of their content in food products; a review of the materials of the Fifth International Congress on Pesticides. Vop. pit. 23 no.2:90-93
Mr-Ap '64. (MIRA 17:10)

POKROVSKIY, A.A., prof., red.; SHTENBERG, A.I., prof., red.;
CRLOVA, N.V., red.

[Methods for the determination of pesticides in food
products] Metody opredeleniya pestitsidov v pishche-
nykh produktakh. Moskva, Meditsina, 1965. 139 p.
(MIRA 18:9)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut
pitaniya. 2. Chlen-korrespondent AMN SSSR i Institut
pitaniya AMN SSSR (for Pokrovskiy).

L 1803-66 EWT(1)/EWT(m)/EWA(b)-2 RO

ACCESSION NR: AP5019518

UR/0244/65/024/004/0003/0009

615.9+614.3 :632.95

AUTHOR: Shtenberg, A. I. (Professor; Head of laboratory); Lutsoya, Kh. I.

TITLE: Toxicological study of combined effects of pesticides

SOURCE: Voprosy pitaniya, v. 24, no. 4, 1965, 3-9

TOPIC TAGS: toxicology, pesticide, poison effect, combinatorial analysis, experiment animal

ABSTRACT: Based on studies at the author's institute, recommendations are made which complement those issued earlier for single pesticides. The need for animal studies of acute, subacute and chronic toxicity of various ratios of combinations is stressed. The effect of pesticide combinations may be summary, synergistic or antagonistic. Combinations of LD₅₀ of each component are studied to determine to which of the 3 types the mixture belongs. Toxicity changes upon successive introduction of the components must be considered. The technique of animal tests is briefly described. Subacute tests help determine toxicodynamics and threshold toxic doses. Chronic tests should be conducted by add-

Card 1/2

L 1803-66

ACCESSION NR: AP5019518

ing natural irritants, such as cold, hunger or infection, to the usual test conditions. The results of all 3 kinds of tests for various pesticide combinations will determine final standards for pesticide applications. Orig. art. has: 1 figure

ASSOCIATION: Laboratoriya toksikologii yadokhimikatov Instituta pitaniya AMN SSSR, Moskva (Toxicological Laboratory of Chemical Poisons, Food Institute, AMN SSSR, Moscow)

SUBMITTED: 22Apr64

ENCL: 00

SUB CODE: LS

NR REF SOV: 014

OTHER: 009

Card 2/2

ACC NR: AP6032089

SOURCE CODE: UR/0248/66/000/010/0048/0056

AUTHOR: Shtenberg, A. I.; Ignat'yev, A. D.

ORG: Nutrition Institute, AMN SSSR, Moscow (Institut pitaniya AMN SSSR)

TITLE: Fundamental principles underlying the study of toxicity of food additives

SOURCE: AMN SSSR. Vestnik, no. 10, 1966, 48-56

TOPIC TAGS: toxicology, commercial food product, hygiene, contaminant, Food
TECHNOLOGY

ABSTRACT: The importance of carefully planned and performed experiments in the evaluation of the toxicity of food additives is stressed. Primarily, the chemical composition of the additive and its purity must be known. Results obtained with pure and commercial products should be compared for proper evaluation of the effects of the substance, as should results of experiments on different animal species. These tests should cover long periods of time so that cumulative effects, if any, will appear.

SUB CODE: 06/ SUBM DATE: 04Jun66/ ORIG REF: 005

UDC: 613.2-099

SHTENBERG, E.Ya.

Hallucinatory conditions in the deaf. Vop. psikh. no. 3:472-488
'59. (MIRA 13:10)
(HALLUCINATIONS AND ILLUSIONS) (DEAF)

St. INBANG, 1e.

1947. pervaya karta knozhny [VII]. Ogonek, 1948, no. 50, s. 45 5. biologicheskoye nauki 6. paleontologiya

SC: Letopis' Zhurnal' nykh Statey, Vol. 7, 1949

L 23879-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(k)/EWP(h)/EWP(l)/EWA(h)/ETC(m)-6

ACC NR: AP6009929

(A)

SOURCE CODE: UR/0413/66/000/004/0124/0124

IJP(c)

WW/EM

AUTHOR: Kel'shman, Ye. A.; Kozlov, A. I.; Leonov, N. N.; Shtender, I. G.; Andryakov, V. M.

ORG: none

TITLE: A device for fastening an element inside a shell in a gas stream. Class 47, No. 179143

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 124

TOPIC TAGS: gas flow, aerodynamic drag

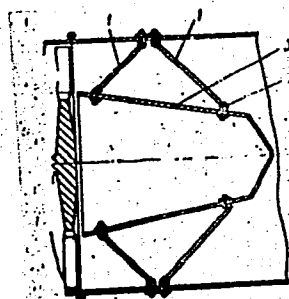
ABSTRACT: This Author's Certificate introduces a device containing braces for fastening an element inside a shell in a gas stream. Hydraulic drag is reduced and the reliability of the fastening is improved by installing the braces at an angle to the axis of the shell and by using ball-and-socket hinges for fastening the braces to the inside surface of the shell and to the element.

UDC: 621.646.9.002.73

Card 1/2

L 23879-66

ACC NR: AP6009929



1--braces; 2--axis of the shell; 3--element; 4--ball-and-socket hinges.

SUB CODE: 20/

SUBM DATE: 30May64/

ORIG REF: 000/

OTH REF: 000

Card 2/2 dda

SHTENGEL', I.M. (Moskva)

Plastic clamps. Stomatologiya 40 no.1:101-102 Ja-F '61.
(MIRA 14:5)

(DENTAL PROSTHESIS)

SHTENGEEL MEYER, N.V.

Preparing facing sand in model 115 pug mills. Lit.proizv. no.7:
36 Je '60. (MIRA 13:7)

(Sand, Foundry)
(Mixing machinery)

SHTENGEL' MEYER, N.V.

Results obtained by adopting a multiposition automatic machine.
Lit.proizv. no.3:35-37 Mr '62. (MIRA 15:3)
(Shell molding (Founding)--Equipment and supplies)

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<p>PROCESSES AND PROPERTIES INDEX</p> <p>The passage of vanadium from its oxides into cast iron depending on the temperature, basicity and amount of slag. V. V. Mikhailov and S. V. Shtengel'meyer. <i>Ural. Mg.</i> 1939, No. 7, 9-13; <i>Khim. Refrat. Zhur.</i> 1939, No. 1, 87.—V-free cast iron was treated in C crucibles with slags produced from SiO_2, Al_2O_3, CaO, MgO and V_2O_5. The acid slag in 1200°, the basic slag in 1300°. Below 800° V_2O_5 and V_2O_4 are reduced readily to V_2O_3 by means of CO. V_2O_3 is reduced to V_2O_2 by solid C only at 1200°. Free V_2O_3 in the fused slag is reduced at 1300° by C to metallic V, which passes into cast iron. Increase of the temp. of the blast facilitates rapid and complete transfer of V from the slag to the metal. To decrease the losses of V in the slag it is recommended to smelt V ores low in FeO_3 with basic slags, at higher temps. of the hearth of the blast furnace. Low ratio of slag to cast iron decreases losses of V. W. R. Henn</p>																																																																																																																																																																																																															
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SHTEGELMEYER, S.V.
64

Furnace thermocouple. S. V. Shtengel'meyer. U.S. S.R. 67,359, Oct. 31, 1940. The thermocouple described is located inside a gas-sampling tube in a metallurgical furnace. M. Hosh

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900

1. SHUTKALIN, G.V. 1901, YANUS, 3.1. 1901.
2. U.S. (600)
4. Magnetometer
7. Device for checking ferritization of steel products (magnetoscope). Vest. mash, 32 no. 7, 1955.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Uncl.

SHTENGEL' MEYER, S.V., inzh.; BOGATENKOV, V.F., inzh.

Viscosity of open-hearth furnace slags. Izv.vys.ucheb.zav.; chern.met.
no.11:23-28 N '58. (MIRA 12:1)

1. Institut metallurgii Ural'skogo filiala AN SSSR, Ural'skiy politekhnicheskii institut. Rekomendovano kafedroy metallurgii stali Ural'skogo politekhnicheskogo instituta.
(Open-hearth furnaces) (Slag--Testing) (Viscosity)

SHTENGEL' MEYER, S.V.; YERSHOV, G.S.

Viscosity of acid open-hearth furnace slags. Izv. vys. ucheb.
zav.; chern. met. 4 no.7:72-77 '61. (MIRA 14:8)

1. Ural'skiy politekhnicheskiy institut i Institut metallurgii.
Ural'skogo filiala AN SSSR.
(Slag)
(Viscosimetry)

~~SHTENGEL'MEYER, S.V.~~; SMIRNOV, A.N.; SUBBOTIN, A.I.; KAGASOV, V.M.;
GRINKIN, G.K.; BEREZHNOY, I.A.; MIRIMANOV, G.I.

Exchange of experience. Zav. lab. 28 no.9:1142-1144 '62.
(MIRA 16:6)

1. Institut metallurgii Ural'skogo filiala AN SSSR (for Shtengel'meyyer). 2. Gor'kovskiy politekhnicheskoy institut (for Smirnov, Subbotin). 3. Karagandinskiy metallurgicheskiy zavod (for Kagasov, Grinkin). 4. Tbilisskiy nauchno-issledovatel'skiy institut sooruzheniy i gidroenergetiki (for Mirimanov).
(Scientific apparatus and instruments)

STEPANOV, V.V.; LOPAYEV, B.Ye.; SHTENGEL'MEYER, S.V.

Viscosity of fluxes used in electric slag remelting and heating.
Avtom.svar. 18 no.11:28-30 N '65.

(MIRA 18:12)

1. Ural'skiy politekhnicheskii institut im. S.M.Kirova (for
Stepanov, Lopayev). 2. Institut metallurgii im. A.A.Baykova
(for Shtengel'meyyer). Submitted October 13, 1964.

L 24440-66 EWT(m)/ENP(t)/EWA(h) LJP(c) JD
 ACC NR: AP6012280 (N) SOURCE CODE: UR/0125/65/000/011/0028/0030

AUTHOR: Stepanov, V. V.; Lopayev, B. Ye.; Shtengel'meyer, S. V. 47

ORG: [Stepanov, Lopayev] Ural Polytechnical Institute im. S. M. Kirov (Ural'skiy
 politekhnicheskii institut); [Shtengel'meyer] IMET im. A. A. Baykov B

TITLE: Viscosity of fluxes used for electroslag melting and preheating

SOURCE: Avtomaticheskaya svarka, no. 11, 1965, 28-30 18

TOPIC TAGS: electroslag melting, calcium fluoride, calcium oxide, magnesium oxide,
 fluid viscosity

ABSTRACT: The authors study viscosity as a function of temperature in 11 calcium
 fluoride fluxes recommended for electroslag melting and preheating. It is found that
 the viscosity of the calcium fluoride melt is low (0.2-0.3 poise) when heated above
 the liquidus curve ($\Delta t = 40^{\circ}\text{C}$). Components which lower the crystallization tempera-
 ture of the melt also reduce the viscosity due to an increase in superheating above
 the liquidus curve. Additives which raise the crystallization temperature increase
 the viscosity. Examples of impurities which reduce the viscosity are sodium fluoride
 and cryolite, while calcium oxide and magnesium oxide increase the viscosity by rais-
 ing the crystallization temperature. Calcium fluoride fluxes containing magnesium

UDC: 621.791.92.04 2

Card 1/2

L 24440-66

ACC NR: AP6012280

oxide, sodium fluoride and cryolite are recommended for electrosag melting of steel alloys. Orig. art. has: 2 figures, 1 table.

SUB CODE: 11,13/

SUBM DATE: 13Oct64/

ORIG REF: 006/

OTH REF: 002

Card 2/2 *da*

ACC NR: AT7004207

(A)

SOURCE CODE: UR/0000/66/000/000/0046/0051

AUTHOR: Shtengel'meyer, S. V.

ORG: none

TITLE: New electromagnetic vibrational viscosimeter

SOURCE: AN SSSR. Institut metallurgii. Eksperimental'naya tekhnika i metody vysokotemperaturnykh izmereniy (Experimental techniques and methods of high temperature measurement). Moscow, Izd-vo Nauka, 1966, 46-51

TOPIC TAGS: viscosimeter, fluid viscosity, fluid viscosity measurement, slag

ABSTRACT: An electromagnetic vibrational viscosimeter for determining viscosity of melts was developed. The new device is an improved version of the viscosimeter invented by G. I. Leskov and G. D. Shevchenko (Elektricheskiy vibratsionnyy viskozimetr. Zavodskaya laboratoriya, 1956, No. 4, 492). The main improvements are: increased sensitivity, smaller specimen size, and continuous viscosity recording. A schematic of the instrument is presented. The instrument was used to determine the viscosity of Marten open-hearth slag and blast furnace slag. The results are shown graphically (see Fig. 1). It is concluded that, in the case of undisturbed homogeneous and noncorrosive slags, the viscosimeter is capable of yielding 3 to 4 complete viscosity-temperature curves during the period of one working day, at a

Card 1/2

ACC NR: AT7004207

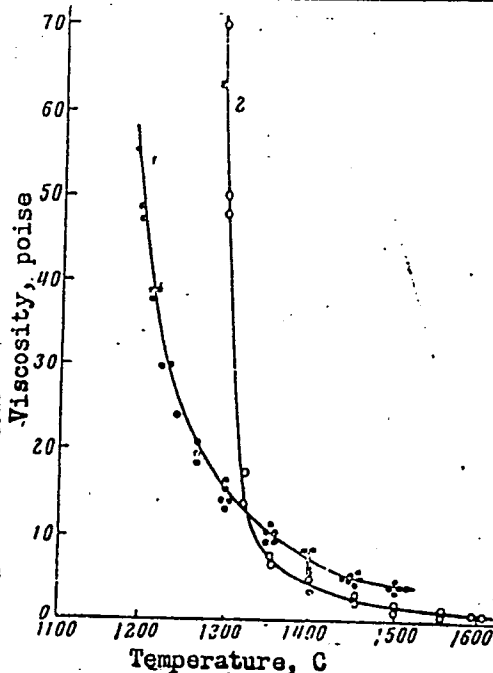


Fig. 1. Viscosity of blast furnace slag (1) and open hearth furnace slag (2), determined by the vibrational viscosimeter

cooling rate of 10--20 degrees per minute. Orig. art. has: 4 graphs.

SUB CODE: 11,20/

SUBM DATE: none/

ORIG REF: 011/

OTH REF: 001

Card 2/2

LYASHENKO, V.I.; CHZHAN CHZHI-GAN'; SHTENGELOV, Ye.S.

Causes of weak karsting of the Boyko Massif in the Crimea.
Izv.vys.ucheb.zav.; goel. i razv.95-98 D '61. (MIRA 15:2)

1. Institut mineral'nykh resursov AN USSR i Moskovskiy geologorazvedochnyy institut imeni S.Ordzhonikidze.
(Crimea---Karst)

BACHINSKIY, G.A.; DOBLYANSKIY, V.N.; SHTEINGELOV, Ye.S.

Krivche crystalline cave in the gypsum of Podolia. Peshchery no.4:
49-56 '64. (MIRA 18:5)

1. Institut mineral'nykh resursov AN SSSR, Simferopol'.

SHTENGER, A.V., inzh.

Safety measures to be taken in case of breaks in crane-trolley
wires. Bezop.truda v prom. 3 no.2:12-14 F '59.

(MIRA 12:2)

(Cranes, derricks, etc.--Safety measures)

SHTENGER, A.V.

Tension for control circuits of electrically operated tackle blocks
of bridge cranes having a 500 v. electric equipment. Prom. energ.
14 no.1:62 Ja '59. (MIRA 12:1)

1.Glavnyy energetik obogatitel'nykh fabrik, g. Leninogorsk.
(Electric cranes)

SHTENGER, A.V., inzh.

Training room for electric safety measures. Bezop.truda v prom.
4 no.6:32 Je ' 60. (MIRA 14:3)

(Electric apparatus and appliances—Safety measures)

SHTENGER, A.V.

Economizing on electric power at the Leninogorsk ore concentration plant. Prom.energ. 15 no.5:17-19
My '60. (MIRA 13:7)
(Leninogorsk(East Kazakhstan Province)--Ore dressing)

SHTENGER, A.V.

Case of voltage appearing in equipment being serviced. Prom. energ.
15 no.9:36-37 S '60. (MIRA 13:10)

(Electric substations)

(Electric apparatus and appliances—Maintenance and repair)

SHTENGER, A.V.; BOBROV, G.M.

SB-2 ball loading device. TSvet.met. 33 no.5:71-73
My '60. (MIRA 13:7)

1. Leninogorskaya obogatitel'naya fabrika.
(Crushing machinery)

SHTENGER, A.V.

"Labor protection and safety techniques in nonferrous metallurgy"
by K.V.Lebedeva. Reviewed by A.V.Shtenger. TSvet.met. 33
no.5:84-85 My '60. (MIRA 13:7)

1. Leninogorskaya obogatitel'naya fabrika.
(Nonferrous metal industries--Safety measures)
(Lebedeva, K.V.)

SHTENGER, A.V., inzh.

Safe operation of electric block-and-tackles. Bezop.truda v
prom. 5 no.3:15 Mr '61. (MIRA 14:3)

1. Glavnyy energetik Leninogorskoy obogatitel'noy fabрики.
(Pulleys--Safety measures)

SHTENGER, A.V.

"Provisional regulations on safety measures and industrial sanitation in the design, construction and operation of nonferrous metal ore dressing plants." Reviewed by A.V. Shtenger. Obog. rud 6 no.3:53 '61. (MIRA 14:11)

1. Leninogorskaya obogatitel'naya fabrika.
(Nonferrous metal industries--Safety measures)

SHTENGER, A.V.

Increasing the safety of the operation of a girder type bridge
crane controlled from the plant floor. Prom.energ. 16 no.7:27-28
Jl. '61. (MIRA 15:1)

(Electric cranes)

SHTENGER, A.V.

Mechanization of opening drums with solid reagents. TSvet. met. 34
no. 4:71-73 Ap '61. (MIRA 14:4)

1. Leninogorskaya obogatitel'naya fabrika.
(Ore dressing--Equipment and supplies)

SHTENGER, A.V.

"Safety engineering" by P.A.Dolin, P.F.Solov'ev. Reviewed
by A.V.Shtenger. Bezop. truda v prom. 6 no.2:38 F '62.
(MIRA 15:2)

1. Glavnyy energetik Leninogorskoy rudoobogatitel'noy fabrik.
(Electric engineering--Safety measures)
(Dolin, P.A.)
(Solov'ev, P.F.)

SHTENGER, A.V., inzh.; BUBLIS, A.P., inzh.; DEY, G.T., inzh.

Premature explosions of electric detonators under the action of
capacitance currents in cables. Bezop.truda v prom. 6 no.7:18-20 JI
'62. (MIRA 15:7)

1. Leninogorskiy polimetallicheskiy kombinat.
(Detonators)

MERKULOV, Aleksandr Ivanovich; SHAYTOR, Petr Seliverstovich; SHTENGER, N.V.,
redaktor; SIDEL'NIKOVA, L.A., redaktor izdatel'stva; SHITS, V.P.,
tekhnicheskii redaktor

[The salvaging department in a woodworking enterprise; experience of
the Volodarskii Spool Factory] TSekh shirпотреba na derevoobrabaty-
vaiushchem predpriatii; opyt katushechnoi fabрики imeni Polodarskogo.
Moskva, Goslesbumizdat, 1956. 40 p. (MLRA 9:12)
(Woodworking industries)

SHTENGER, N.V.

Conference of the workers of the ski industry. Der. prom.
14 no.7:28-29 J1 '65. (MIRA 19:1)

DOLINA, O.A.; SHTENGOL'D, Ye.Sh.

Oxygen consumption in modern anesthesia. Eksper. khir. i anest. 9
no.2:55-61 Mr-Apr '64. (MIRA 17:11)

1. Klinika obshchey khirurgii lechebnogo fakul'teta (zav. -- chlen-
korrespondent AMN SSSR prof. V.I. Struchkov) i Moskovskogo ordena
Lenina meditsinskogo instituta imeni Sechenova i bol'nitsa No.23
imeni Medsantrud (glavnyy vrach A.N. Lobanova).

SHTENGOL'D, Ye. Sh. (Moskva, ul. Sivtsev Vrazhek, d. 21, kv. 48)

Nitrous oxide intubation anesthesia in major operations on tumors. Vop. onk. 6 no.12:64-70 '60. (MIRA 15:7)

1. Iz Moskovskogo oblastnogo onkologicheskogo dispansera (glavnyy vrach - Z. A. Bunatyan, zav. khirurgicheskim otdeleniyem - doktor med. nauk A. S. Lur'ye).

(INTRATRACHEAL ANESTHETICS)
(NITROUS OXIDE)

DOLINA, O.A.; SARKISYAN, S.S.; SHTENGOL'D, Ye.Sh.

Bronchospasm during anesthesia. Eksper. khir. i anest. 9 no.6:
59-62 N-D '64. (MIRA 18:7)

1. Kafedra obshchey khirurgii (zav. - chlen-korresp. AMN SSSR
prof. V.I.Struchkov) lechebnogo fakult'teta I Moskovskogo ordena
Lenina meditsinskogo instituta im. I.M.Sechenova i Bol'nitsa Nr.
23 im. Medsantrud (glavnyy vrach A.N.Lobanova).

CLARK, C.A.: LINTON, J., To: Sh.

Some problems of gas exchange during lung surgery under anesthesia.
Trudy 1-go KNI 33:299-302 '64. (XIPA 18:3)

SHCHNIKOV S. P., and PODLEGATV N. A.

Vet Sanitary Inspection of Poultry Products

Moscow, 1954

BURDASTYKH, Yegor, tekhnolog (g.Orel); MAKAROV, V. (g.Arzamas);
KARPUSHCHENKO, V. (Leningrad); SHTENNIKOV, F., personal'nyy
pensioner (g.Gor'kiy); GODILO, A., kontrol'nyy master (g.Cherkessk);
VOLKOV, P., inzh.-tekhnolog (g.Cherkessk); BURLAK, M. (g.Makeyevka);
BELYAYEVSKIY, V., inzh. po izobretatel'stvu i ratsionalizatsii
(g. Kirovakan); TYURIKOV, A. (g.Omsk)

This is the way we live. Izobr.i rats. no.1:11 '64.

(MIRA 17:4)

1. Zavod imeni Medvedeva (for Burtdastykh). 2. Chlen Soyuz
zhurnalistov SSSR (for Godilo). 3. Cherkesskiy zavod kholo-
dil'nogo oborudovaniya, Cherkessk (for Godilo, Volkov). 4. Chlen
redkollegii mnogotirazhki makeyevskogo metallurgicheskogo zavoda
"Kirovets", g. Makeyevka (for Burlak). 5. Rukovoditel' Omskogo
obshchestvennogo konstruktorskogo byuro zheleznodorozhnikov (for
Tyurikov).

SECRET, U.S. (Mr., GAZ Ineni Molotov (1945)

"An Attachment for Hardening Fine Proaches and Drills,"
Stanki i Instrum at 14, No. 2, 1945

BR-52050019

SHTEINIKOV, P. V.

GAZ Ineni Molotov (1946)

"Increasing the Durability of Shavers," Stanki i Instrument 17, No. 1, 1946

PR-62059012

SHARPENING, ...

SHARPENING (1946)

"An Attachment for Sharpening Bits," Stanoki i Instrument 17, No. 1. 1946.

BR-52050019

SHTEINMAN, P. V.

"Hand Saw Blades for Cutting Metals with Welded Blades of High Speed Steel"
Standart Instrument, 17, No. 1-5, 1946.

BR-12059019

SUTHERLAND, T. T.

"An Attachment for Precision Truing of Grinding Wheels,"
Stanki i Instrument 17, No. 6, 1946.

BR-52059019

SHTENNIKOV, F.V.

Tap borer with checkered thread. Stan.i instr. 24 no.11:26 N '53.
(MIRA 6:12)
(Taps and dies)